

INTERNATIONAL SEARCH REPORT

International application No

PCT/IB 03/04400

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06T1/00 H04N1/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06T H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02 39714 A (DIGIMARC CORP ;TIAN JUN (US)) 16 May 2002 (2002-05-16) page 10, line 20 - line 30 page 13, line 7 - line 12	1-21
A	ULUDAG U ET AL: "Robust watermarking of busy images" SECURITY AND WATERMARKING OF MULTIMEDIA CONTENTS III, SAN JOSE, CA, USA, 22-25 JAN. 2001, vol. 4314, pages 18-25, XP002269224 Proceedings of the SPIE - The International Society for Optical Engineering, 2001, SPIE-Int. Soc. Opt. Eng, USA ISSN: 0277-786X Section 2 Eqs. 3,4,5	1-21

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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

6 February 2004

Date of mailing of the international search report

23/02/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PENG YIN ET AL: "Semi-fragile watermarking system for MPEG video authentication" 2002 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING. PROCEEDINGS (CAT. NO.02CH37334), ORLANDO, FL, USA, 13-17 MAY 2002, pages IV3461-IV3464 vol.4, XP002269225 2002, Piscataway, NJ, USA, IEEE, USA ISBN: 0-7803-7402-9 page 3462, right-hand column, paragraphs 1,2 figure 2</p>	1-21
A	<p>BAUDRY S ET AL: "Channel coding in video watermarking: use of soft decoding to improve the watermark retrieval" ICIP00, vol. 3, 10 September 2000 (2000-09-10), pages 25-28, XP010529394 Section 3</p>	1-21
A	<p>EP 0 984 616 A (NIPPON TELEGRAPH & TELEPHONE) 8 March 2000 (2000-03-08) abstract page 8 -page 11</p>	1-21
A	<p>BARNI M ET AL: "A new decoder for the optimum recovery of nonadditive watermarks" IEEE TRANSACTIONS ON IMAGE PROCESSING, MAY 2001, IEEE, USA, vol. 10, no. 5, pages 755-766, XP002269226 ISSN: 1057-7149 Section III-B</p>	1-21

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0239714 A	16-05-2002	AU 1461302 A	21-05-2002
		WO 0239714 A2	16-05-2002
		US 2002146123 A1	10-10-2002
EP 0984616 A	08-03-2000	EP 0984616 A2	08-03-2000
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